

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
 Data File : BN013541.D
 Acq On : 29 Jan 2021 16:29
 Operator : CG/JU
 Sample : M1274-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	8	12	18	rBV	73002	89001	0.99%	0.114%
2	3.770	113	116	119	rVB4	7724	9517	0.11%	0.012%
3	3.858	128	131	138	rVB	16514	22349	0.25%	0.029%
4	4.070	163	167	172	rVB5	15258	19981	0.22%	0.026%
5	4.464	230	234	238	rVB3	12549	16877	0.19%	0.022%
6	4.746	278	282	288	rBV	22228	35999	0.40%	0.046%
7	6.581	590	594	597	rBV5	5925	9606	0.11%	0.012%
8	6.734	615	620	631	rVB	303880	507098	5.62%	0.650%
9	6.905	642	649	659	rBV	1034176	1593526	17.67%	2.042%
10	7.093	674	681	691	rBV	1153163	1778581	19.72%	2.280%
11	7.558	753	760	767	rBV	996302	1537019	17.04%	1.970%
12	7.622	769	771	777	rVB5	8209	12068	0.13%	0.015%
13	7.793	795	800	805	rBV6	8188	15364	0.17%	0.020%
14	8.252	869	878	889	rBV	845482	1323112	14.67%	1.696%
15	8.699	947	954	965	rBV	1253711	1960736	21.74%	2.513%
16	9.152	1021	1031	1036	rVB	29247	45576	0.51%	0.058%
17	9.410	1068	1075	1085	rBV	976132	1548145	17.16%	1.984%
18	9.940	1158	1165	1177	rBV	1542989	2546854	28.24%	3.264%
19	10.316	1222	1229	1240	rBV	1350255	2261020	25.07%	2.898%
20	10.457	1246	1253	1259	rBV2	97439	165013	1.83%	0.211%
21	11.910	1495	1500	1509	rBV3	29812	50703	0.56%	0.065%
22	12.804	1647	1652	1656	rBV5	11905	19263	0.21%	0.025%
23	13.034	1686	1691	1697	rBV	20500	27951	0.31%	0.036%
24	13.098	1697	1702	1708	rVV6	12517	19590	0.22%	0.025%
25	13.610	1782	1789	1794	rBV	3137543	4143487	45.94%	5.311%
26	13.657	1794	1797	1802	rVB	171557	213348	2.37%	0.273%
27	13.881	1828	1835	1845	rBV	3632673	5241459	58.11%	6.718%
28	14.122	1870	1876	1881	rBV2	15844	20646	0.23%	0.026%
29	14.193	1881	1888	1896	rBV2	2093828	3056392	33.89%	3.917%
30	14.393	1916	1922	1927	rBV	243004	342721	3.80%	0.439%
31	14.634	1958	1963	1967	rBV5	11172	19405	0.22%	0.025%
32	15.034	2024	2031	2035	rBV7	6346	14373	0.16%	0.018%
33	15.075	2035	2038	2043	rVB4	11050	14144	0.16%	0.018%
34	15.192	2051	2058	2065	rBV	4780467	6688294	74.15%	8.572%

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Integrator: RTE
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35	15.310	2071	2078	2087	rBV	1416776	1829520	20.28%	2.345%
36	15.428	2094	2098	2103	rBV2	51899	76148	0.84%	0.098%
37	15.939	2181	2185	2188	rBV4	8149	11624	0.13%	0.015%
38	15.981	2188	2192	2199	rVB4	24131	42544	0.47%	0.055%
39	16.198	2223	2229	2234	rVB4	16099	22089	0.24%	0.028%
40	16.351	2251	2255	2261	rBV7	6128	11628	0.13%	0.015%
41	16.628	2297	2302	2305	rVB5	7729	11415	0.13%	0.015%
42	16.734	2314	2320	2324	rBV4	14905	21576	0.24%	0.028%
43	16.939	2349	2355	2361	rBV	2502915	3447381	38.22%	4.418%
44	17.039	2366	2372	2387	rVB	5350600	7533321	83.52%	9.655%
45	17.863	2507	2512	2522	rBV	249978	402246	4.46%	0.516%
46	18.169	2560	2564	2570	rBV3	35789	65883	0.73%	0.084%
47	18.804	2669	2672	2676	rVB7	12034	13921	0.15%	0.018%
48	18.951	2693	2697	2699	rBV	42786	54572	0.61%	0.070%
49	18.975	2699	2701	2704	rVV	67934	88141	0.98%	0.113%
50	19.004	2704	2706	2716	rVB	69279	105248	1.17%	0.135%
51	19.151	2727	2731	2740	rBV	199065	310167	3.44%	0.398%
52	19.233	2741	2745	2750	rVB	58472	83940	0.93%	0.108%
53	19.345	2758	2764	2779	rVB	6733652	8899297	98.67%	11.406%
54	19.580	2802	2804	2809	rVB3	11109	15800	0.18%	0.020%
55	19.922	2859	2862	2865	rBV4	12269	14437	0.16%	0.019%
56	20.422	2942	2947	2951	rBV6	21684	35912	0.40%	0.046%
57	20.833	3013	3017	3020	rBV2	37932	63976	0.71%	0.082%
58	20.880	3021	3025	3031	rVV3	160350	268912	2.98%	0.345%
59	20.939	3031	3035	3040	rVB	106615	149270	1.65%	0.191%
60	21.080	3057	3059	3064	rBV4	26179	26205	0.29%	0.034%
61	21.145	3064	3070	3075	rBV	3076317	4006535	44.42%	5.135%
62	21.327	3098	3101	3104	rVB2	59228	60705	0.67%	0.078%
63	21.751	3169	3173	3179	rBV2	107851	134547	1.49%	0.172%
64	22.198	3245	3249	3255	rBV	158261	191535	2.12%	0.245%
65	22.686	3328	3332	3342	rVB	247648	418013	4.63%	0.536%
66	23.174	3408	3415	3422	rBV	5031477	9019677	100.00%	11.560%
67	23.233	3422	3425	3431	rVV	287823	430927	4.78%	0.552%
68	23.310	3431	3438	3454	rVB2	2267489	4070512	45.13%	5.217%
69	23.851	3525	3530	3538	rBV	206942	389650	4.32%	0.499%
70	24.568	3647	3652	3658	rVB2	172043	325510	3.61%	0.417%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Title : SVOA CALIBRATION

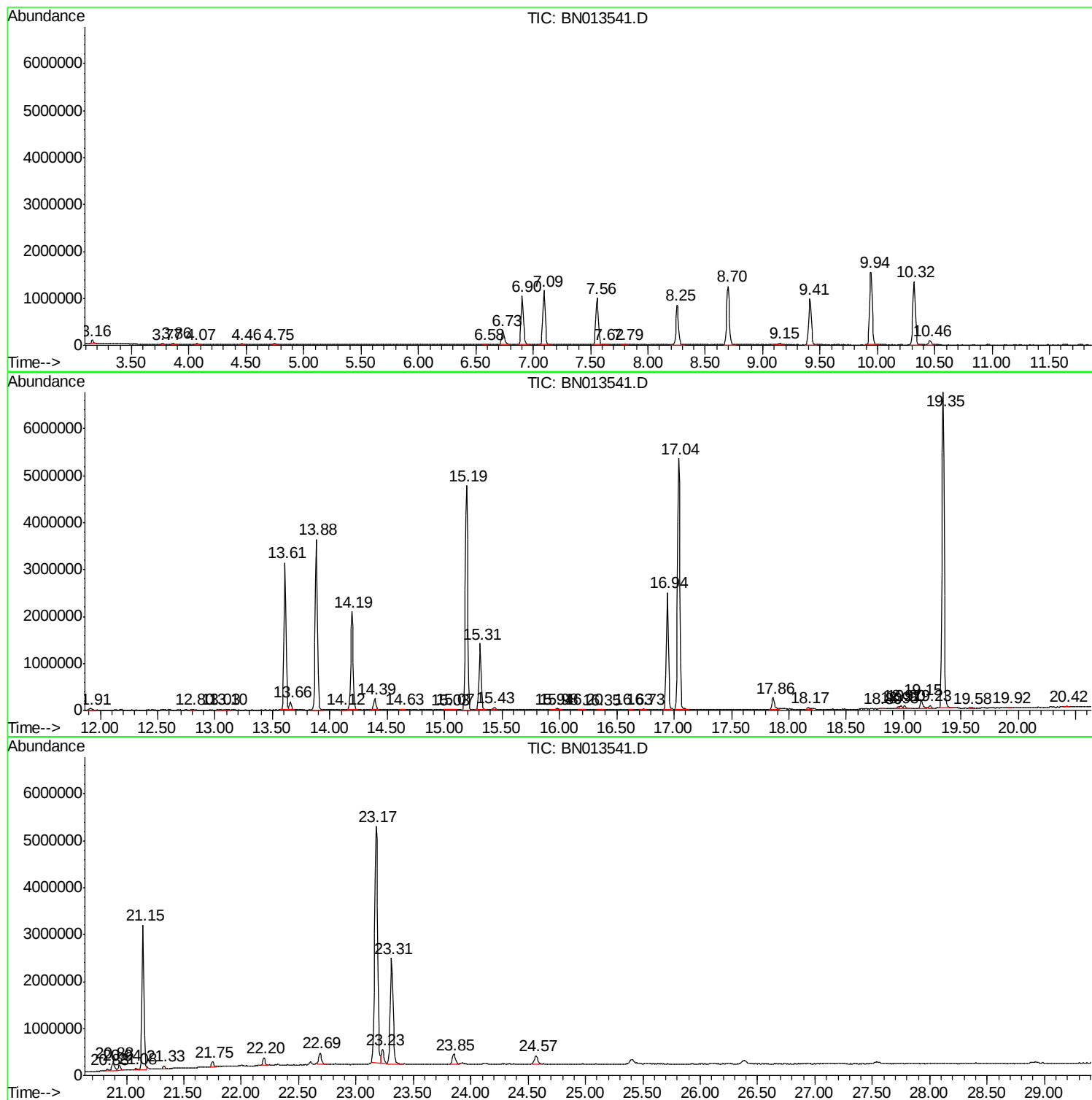
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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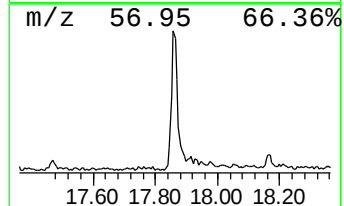
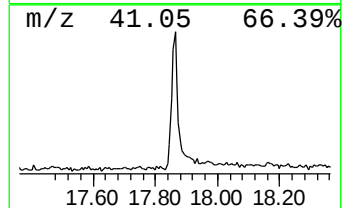
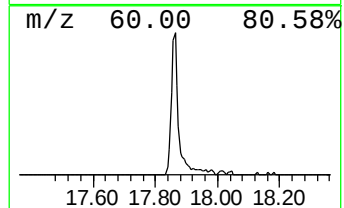
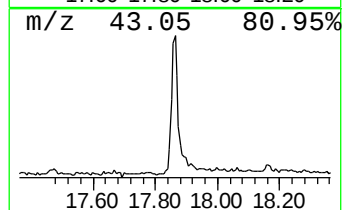
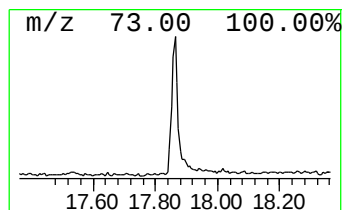
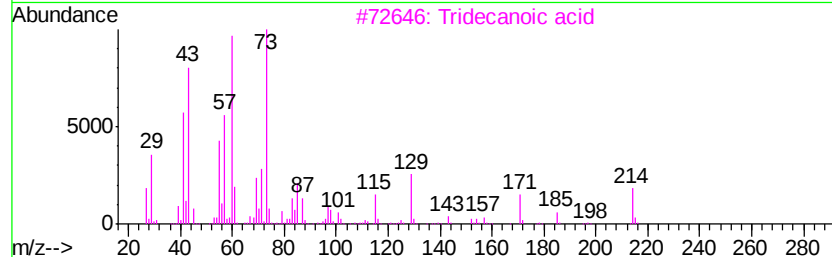
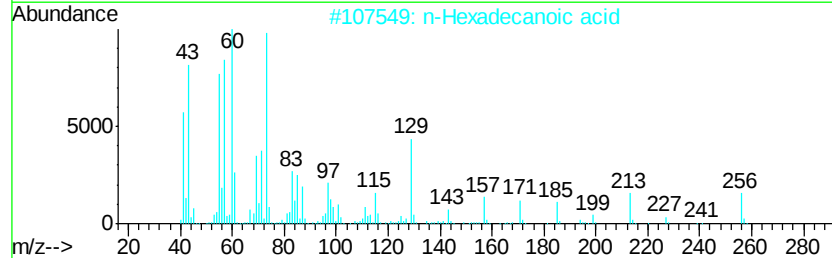
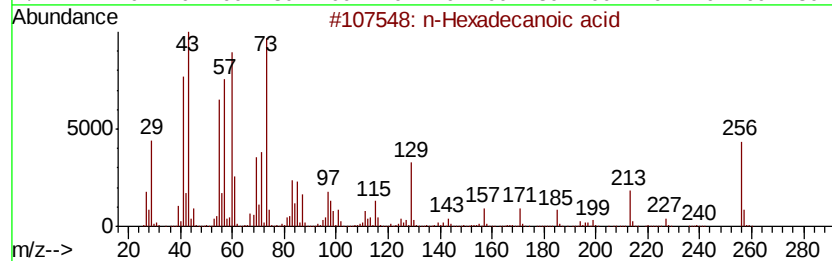
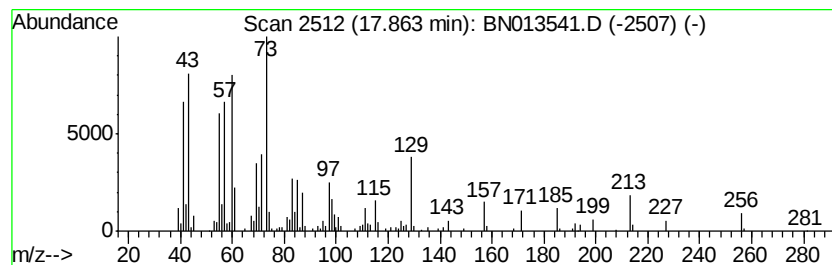
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	2.33 ng/ul	402246	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	62



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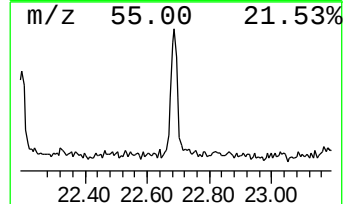
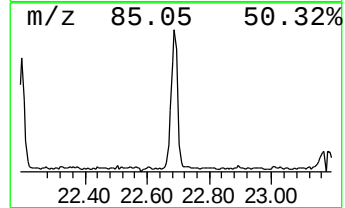
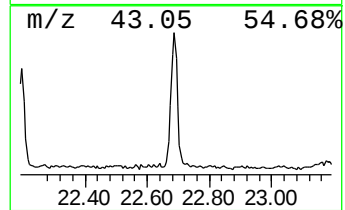
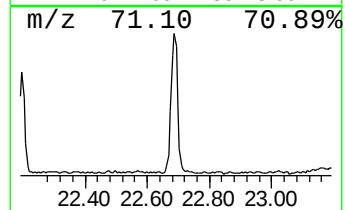
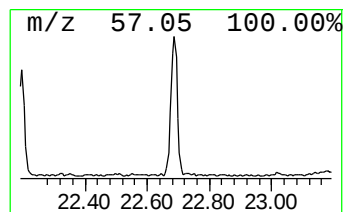
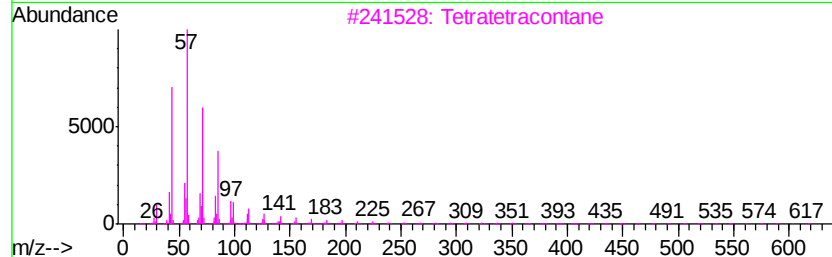
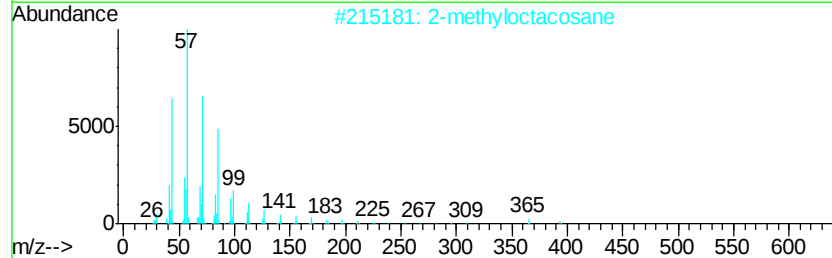
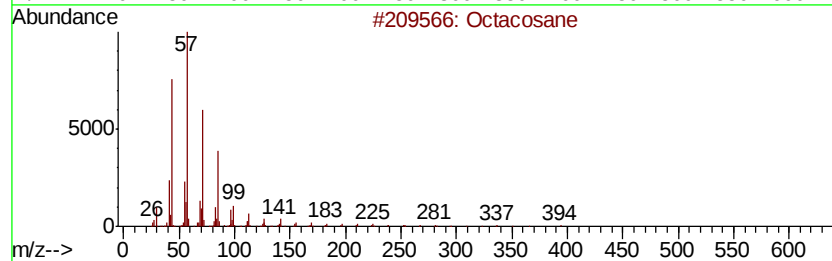
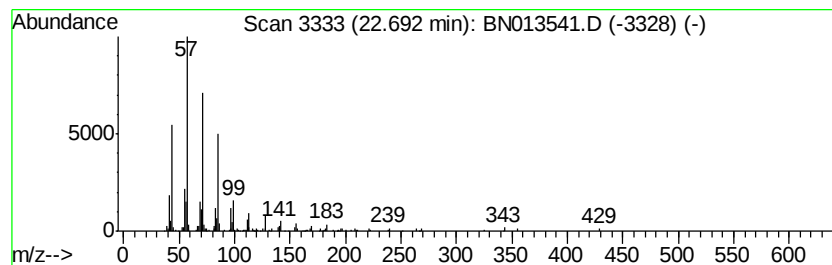
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.05 ng/ul	418013	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Heneicosane	296	C21H44	000629-94-7	87



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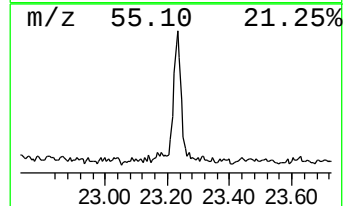
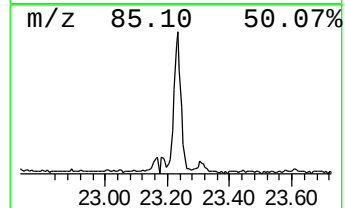
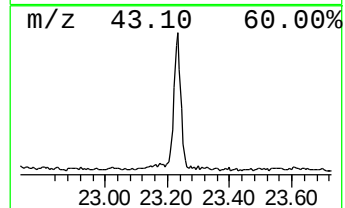
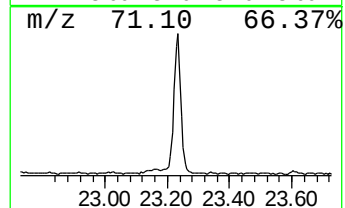
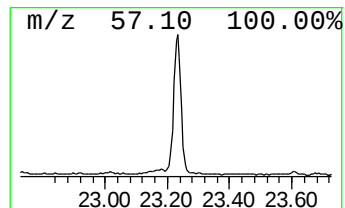
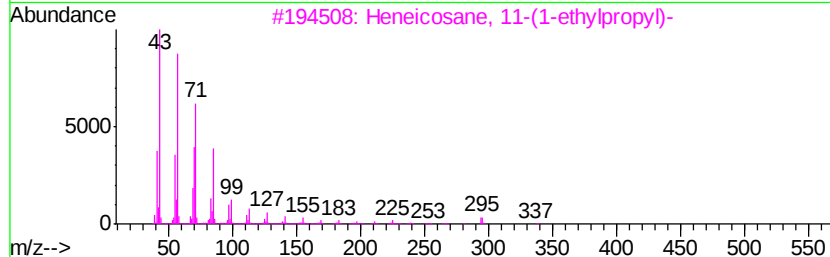
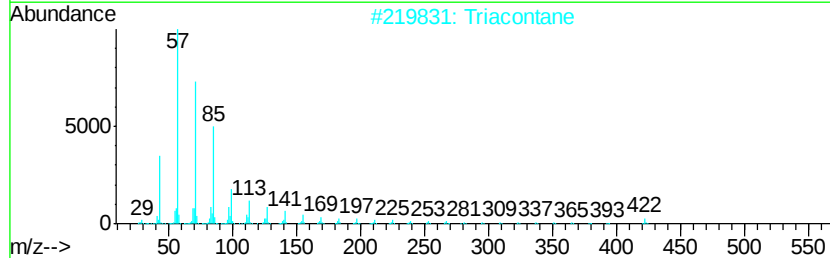
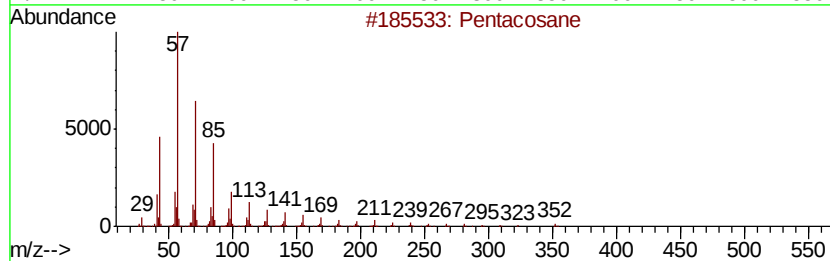
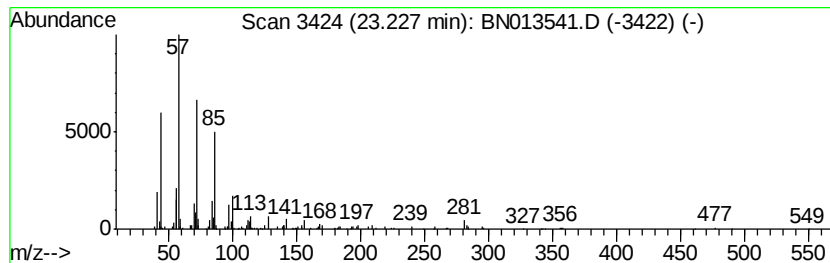
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.12 ng/ul	430927	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	87
2		Triacotane	422	C30H62	000638-68-6	86
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Octacosane	394	C28H58	000630-02-4	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	2.3	ng/ul	402246	4	16.94	3447380	20.0
(DEL) Alkane: Str...	22.69	2.0	ng/ul	418013	6	23.31	4070510	20.0
(DEL) Alkane: Str...	23.23	2.1	ng/ul	430927	6	23.31	4070510	20.0